





System of sound spatialization and method personalization for the implementation thereof

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A sound spatialization including, for each monophonic channel to be spatialized, a binaural processor with two paths of convolution filters linearly combined in each path, this processor or these processors being connected to an orienting device for the computation of the spatial localization of the sound sources, the device itself being connected to at least one localizing device. The convolution is done between the monophonic signal and the user's <<left ear>> and <<right ear>> transfer functions, these transfer functions being proper to this user. This improves the efficiency of the system in localizing the monophonic sound source.

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